

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 023US2	Application No. 12/428,081
		Applicant Patrick Miles et al.	
		Filing Date April 22, 2009	Group Art Unit 3739

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	3	1,328,624	1/20/1920	Graham			
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	5	2,704,064	6/15/1955	Fizzell et al.			
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	7	2,808,826	10/8/1957	Reiner et al.			
	8	3,364,929	1/23/1968	Ide et al.			
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	21	4,291,705	9/29/1981	Severinghaus et al.			
	22	4,461,300	7/24/1984	Christensen			
	23	4,515,168	5/7/1985	Chester et al.			
	24	4,519,403	5/28/1985	Dickhudt			
	25	4,545,374	10/8/1985	Jacobson			
	26	4,561,445	12/31/1985	Berke et al.			
	27	4,562,832	1/7/1986	Wilder et al.			

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	31	4,633,889	1/6/1987	Talalla			
	32	4,658,835	4/21/1987	Pohndorf			
	33	4,744,371	5/17/1988	Harris			
	34	4,759,377	7/26/1988	Dykstra			
	35	4,784,150	11/15/1988	Voorhies et al.			
	36	4,807,642	2/28/1989	Brown			
	37	4,892,105	1/9/1990	Prass			
	38	4,926,865	5/22/1990	Oman			
	39	4,962,766	10/16/1990	Herzon			
	40	4,964,411	10/23/1990	Johnson et al.			
	41	5,007,902	4/16/1991	Witt			
	42	5,058,602	10/22/1991	Brody			
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	44	5,092,344	3/3/1992	Lee			
	45	5,127,403	7/7/1992	Brownlee			
	46	5,161,533	11/10/1992	Prass et al.			
	47	5,196,015	3/23/1993	Neubardt			
	48	5,255,691	10/26/1993	Otten			
	49	5,282,468	2/1/1994	Klepinski			
	50	5,284,153	2/8/1994	Raymond et al.			
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	54	5,313,956	5/24/1994	Knutsson et al.			

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	60	5,474,558	12/12/1995	Neubardt			
	61	5,480,440	1/2/1996	Kambin			
	62	5,482,038	1/9/1996	Ruff			
	63	5,484,437	1/16/1996	Michelson			
	64	5,540,235	7/30/1996	Wilson			
	65	5,549,656	8/27/1996	Reiss			
	66	5,560,372	10/1/1996	Cory			
	67	5,566,678	10/22/1996	Cadwell			
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	69	5,593,429	1/14/1997	Ruff			
	70	5,599,279	2/4/1997	Slotman et al.			
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	75	5,711,307	1/27/1998	Smits			
	76	5,728,046	3/17/1998	Mayer et al.			
	77	5,741,253	4/21/1998	Michelson			
	78	5,759,159	6/1/1998	Masreliez			
	79	5,775,331	7/7/1998	Raymond et al.			
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	84	5,797,854	8/25/1998	Hedgecock			
	85	5,814,073	9/29/1998	Bonutti			
	86	5,830,151	11/3/1998	Hadzie et al.			
	87	5,851,191	12/22/1998	Gozani			
	88	5,853,373	12/29/1998	Griffith et al.			
	89	5,860,973	1/19/1999	Michelson			
	90	5,862,314	1/19/1999	Jeddeloh			
	91	5,872,314	2/16/1999	Clinton			
	92	5,885,219	3/23/1999	Nightengale			
	93	5,888,196	3/30/1999	Bonutti			
	94	5,902,231	5/11/1999	Foley et al.			
	95	5,928,139	7/27/1999	Koros et al.			
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	102	6,050,992	4/18/2000	Nichols			
	103	6,074,343	6/13/2000	Nathanson et al.			
	104	6,104,957	8/15/2000	Alo et al.			
	105	6,104,960	8/15/2000	Duysens et al.			
	106	6,120,503	9/19/2000	Michelson			
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	111	6,146,335	11/14/2000	Gozani			
	112	6,161,047	12/12/2000	King et al.			
	113	6,181,961	1/30/2001	Prass			
	114	6,206,826	3/27/2001	Mathews et al.			
	115	6,224,549	5/1/2001	Drongelen			
	116	6,259,945	7/10/2001	Epstein et al.			
	117	6,266,558	7/24/2001	Gozani et al.			
	118	6,273,905	8/14/2001	Streeter			
	119	6,292,701	9/1/2001	Prass et al.			
	120	6,306,100	10/23/2001	Prass			
	121	6,312,392	11/1/2001	Herzon			
	122	6,325,764	12/4/2001	Griffith et al.			
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	124	6,425,859	7/30/2002	Foley et al.			
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	127	6,466,817	10/1/2002	Kaula et al.			
	128	6,500,128	12/31/2002	Marino			
	129	6,564,078	5/13/2003	Marino et al.			
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	131	6,719,692	4/13/2004	Kleffner et al.			
	132	6,760,616	7/6/2004	Hocy et al.			
	133	6,796,985	9/28/2004	Bolger et al.			
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	138	6,929,606	8/16/2005	Ritland			
	139	7,050,848	5/23/2006	Hoey et al.			
	140	7,079,883	7/18/2006	Marino et al.			
	141	7,089,059	8/8/2006	Pless			
	142	7,177,677	2/13/2007	Kaula et al.			
	143	7,207,949	4/24/2007	Miles et al.			
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	148	2002/0072686	6/13/2002	Hoey et al.			
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	150	2002/0193843	12/19/2002	Hill et al.			
	151	2003/0032966	2/13/2003	Foley et al.			
	152	2003/0105503	6/5/2003	Marino			
	153	2003/0225405	12/4/2003	Weiner			
	154	2004/0199084	10/7/2004	Kellcher et al.			
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	157	2005/0004623	1/6/2005	Miles et al.			
	158	2005/0075578	4/7/2005	Gharib et al.			
	159	2005/0149035	7/7/2005	Pimenta et al.			
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	166	2007/0293782	12/20/2007	Marino			
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	172	5,171,279	12/15/1992	Mathews			
	173	5,509,893	4/23/1996	Pracas			
	174	5,571,149	11/5/1996	Liss et al.			
	175	5,775,331	7/7/1998	Raymond et al.			
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	182	6,152,871	11/6/2000	Foley et al.			
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	204	2008/0097164	4/24/2008	Miles et al.			
	205	2009/0138050	5/28/2009	Ferree			
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	215	WO 00/67645	11/16/2000	WIPO				
	216	WO 03/037170	5/8/2003	WIPO				
	217	WO 05/030318	4/7/2005	WIPO				
	218	WO 06/042241	4/20/2006	WIPO				
	219	WO 02/054960	7/18/2002	WIPO				
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	226	"System and Method for Determining Nerve Proximity Direction and Pathology During Surgery," International Search Report from International Application No. PCT/US02/22247, March 27, 2003, 4 pages
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	230	Lenke et al., "Triggered Electromyographic Threshold for Accuracy of Pedicle Screw Placement," Spine, 1995, 20(4): 1585-1591
	231	"Brackmann II EMG System," Medical Electronics, 1999, 4 pages
	232	"Neurovision SE Nerve Locator/Monitor", RLN Systems Inc. Operators Manual, 1999, 22 pages
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	236	Bosc et al., "Neurophysiologic Monitoring of Spinal Nerve Root Function During Instrumented Posterior Lumbar Spine Surgery," <u>Spine</u> , 2002, 27(13):1444-1450
	237	Calancie et al., "Stimulus-Evoked EMG Monitoring During Transpedicular Lumbosacral Spine Instrumentation" <u>Spine</u> , 1994, 19(24): 2780-2786
	238	Clements et al., "Evoked and Spontaneous Electromyography to Evaluate Lumbosacral Pedicle Screw Placement," <u>Spine</u> , 1996, 21(5): 600-604
	239	Danesh-Clough et al., "The Use of Evoked EMG in Detecting Misplaced Thoracolumbar Pedicle Screws," <u>Spine</u> , Orthopaedic Department Dunedin Hospital, June 15, 2001, 26(12): 1313-1316
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	243	Glassman et al., "A Prospective Analysis of Intraoperative Electromyographic Monitoring of Pedicle Screw Placement With Computed Tomographic Scan Confirmation," <u>Spine</u> , 1995, 20(12): 1375-1379
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 023US2	Application No. 12/428,081
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Patrick Miles et al.	
		Filing Date April 22, 2009	Group Art Unit 3739

(37 CFR §1.98(b))

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